



Wall Mounted

First Solid-State
Lithium-ion Battery ESS

LFP 5120M/10240M

Join Us

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Rack Mounted

FEATURES

6000
Cycle Life@25°C

**5120/
10240W**
Capacity

**7680/
10200W**
Peak Power

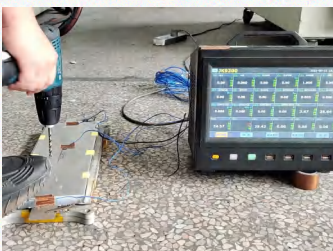
**No DIP
Switch**
Automatically Assign
Module Address

Solid-State
LFP Battery Cells

1.5C
Discharging Rate

Increase 8%
Energy Density

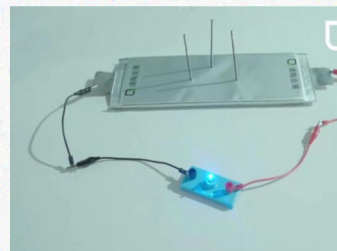
93%
Max. Recommended DOD
(Capacity)



The test of drill



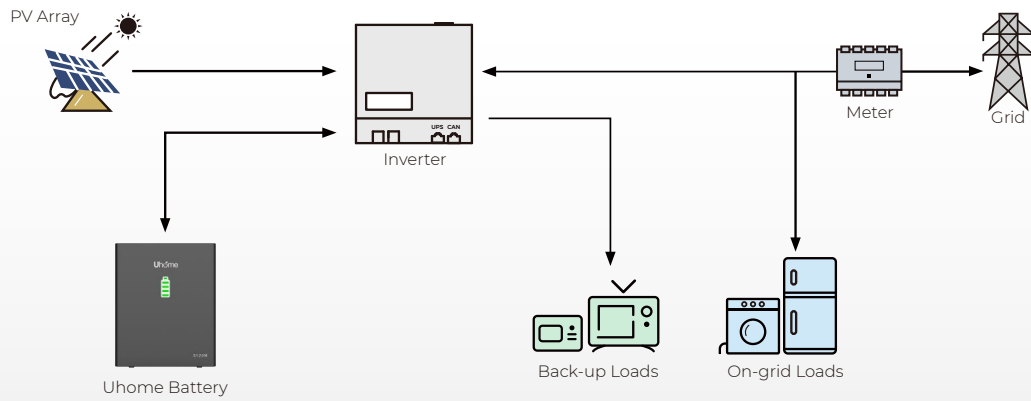
The test of shear



The test of acupuncture



The test of squeeze



Product Type	LFP 5120M	LFP 10240M
Technical Specifications		
Total Energy*	5.1kWh	10.2kWh
Usable Energy(DC)*	4.7kWh	9.4kWh
Max Charge Power	5.12kW	10.2kW
Max Discharge Power	7.68kW	10.2kW
Peak Power(Only Discharge)	9kW for 3s	12kW for 3s
Voltage	48~56Vd.c	
Nominal Voltage	51.2Vd.c	
Max. Charge Voltage	57.6Vd.c	
Max Discharging Current	150A	160A
Max Charging Current	100A	120A
Weight	46kg	85kg
Dimension(mm) (L*W*H)	442*165*535mm	442*165*920mm
Max.recommended DOD	93%	
Operating Condition	Indoor	
Operating Temperature	Charge	From 0~50 C
	Discharge	From -10~55 C
WIFI Frequency Range	2400MHz~2483MHz	
Humidity	<60%(No condensed water)	
Over Voltage Category	II	
Cooling Type	Natural convection	
Case Material	Metal	
Color	Black or White	
Installation	Wall/Ground/Rack Mounting	
IP rating	IP 20	
Max. Connection Number	16P	
Communication	CAN/ RS485	
Protection Mode	Dual hardware protection	
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Safety	Cell UL 1973/CE	
Hazardous Material Classification	9	
Transportation	UN 38.3	
Product Warranty	10 years warranty, 6000 cycles life All information contained in this document is subject to change without notice 1)For better battery life cycles,we suggest charge in 50A(0.5C @25°C) 2)For better battery life cycles,we suggest discharge in 50A(0.5C @25°C) 3)Peak Current excludes repeated short duration (less than 100ms) of current pattern.	

Testing conditions based on temperature 25 °C at the beginning of life.

*Total Energy/Usable Energy measured under specific conditions from uhome 0.2C CC-CV.